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TECHNOLOGY GROUP

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Find the *Abaco Systems / SBS 4430-VN* at our website: ***Click HERE***

June 08, 2000

SBS Offers BPSK/QPSK Modulator and Demodulator Products

For ground stations that employ phase modulation, SBS offers versatile BPSK/QPSK modulator and demodulator products that feature unique, independently programmable high-pass and low-pass front end filters to efficiently select and process a particular signal in the crowded multi-carrier environment of today's satellite communications systems. Each demodulator card can accept an optional modulator daughter-card module for simulating BPSK/QPSK modulated streams for loop-back testing.

Demods	**4430-V**	**4430-VE**	**4430-P**
Form Factor	6U-VME	6U-VME	Full PC-AT
Max. Data Rate	1.5 Mbps	2.75 Mbps	1.5 Mbps
Number of RF Inputs	2	2	2
Input Frequency Range	10 kHz to 6 MHz	6 kHz to11 MHz	1 kHz to 6 MHz
Loop Bandwidth	0.05% to 3% of Carrier Frequency	0.03% to 3% of Carrier Frequency	0.05% to 3% of Carrier Frequency
Dynamic Range (Input)	-30 dBm to + 10 dBm	-30 dBm to + 10 dBm	-30 dBm to + 10 dBm
Implementation Loss	< 1.0 dB	< 1.0 dB	< 1.0 dB
Demodulation Types	BPSK/QPSK	BPSK/QPSK	BPSK/QPSK
Special Features	Optional Modulator	Optional Modulator	Optional Modulator





Modulators	**4437-P**	**4437-V**
Form Factor	Full PC-AT	6U-VME
Max. Modulation Rate	to 5MHz	to 5MHz
Number of Mod. Inputs	3	3
Output Frequency Range	70-120MHz and 305-355MHz	70-120MHz and 305-355MHz
Carrier Stability	ð± 2ppm 0 to 50 C	ð± 2ppm 0 to 50 C

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Output Level	0 to -42dBm, 1db Steps	0 to -42dBm, 1db Steps
Number of Outputs	2	2
Modulation Types	BPSK, QPSK, FM & PM	BPSK, QPSK, FM & PM
Special Features	Internal PN Generator & Noise Source	Internal PN Generator & Noise Source





Our customers are the best reference for our products and services.
1-800-SBS-1553 • email: sbssale@sbs.com
(505) 875-0600 • fax (505) 875-0400

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

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